

FIG. 1

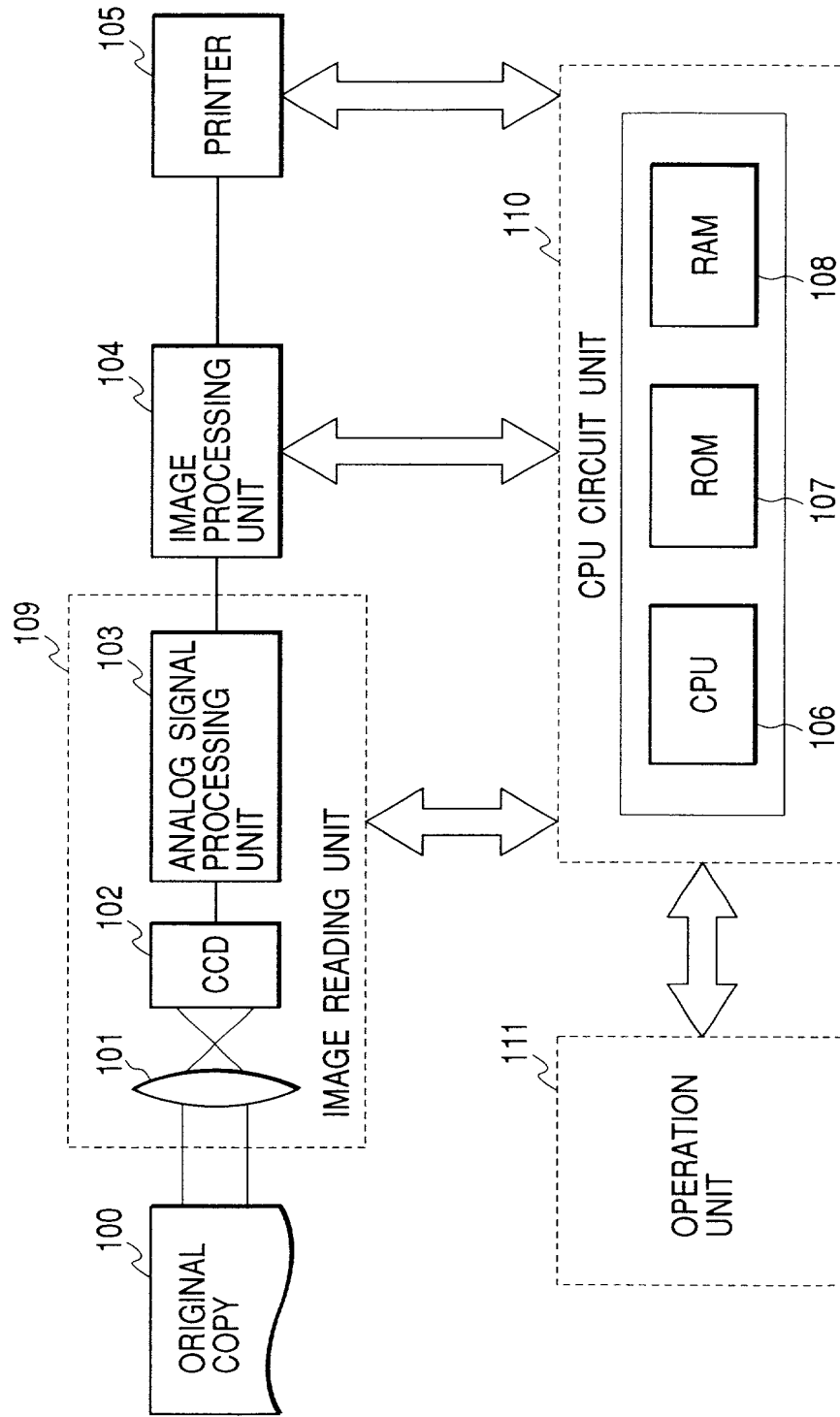
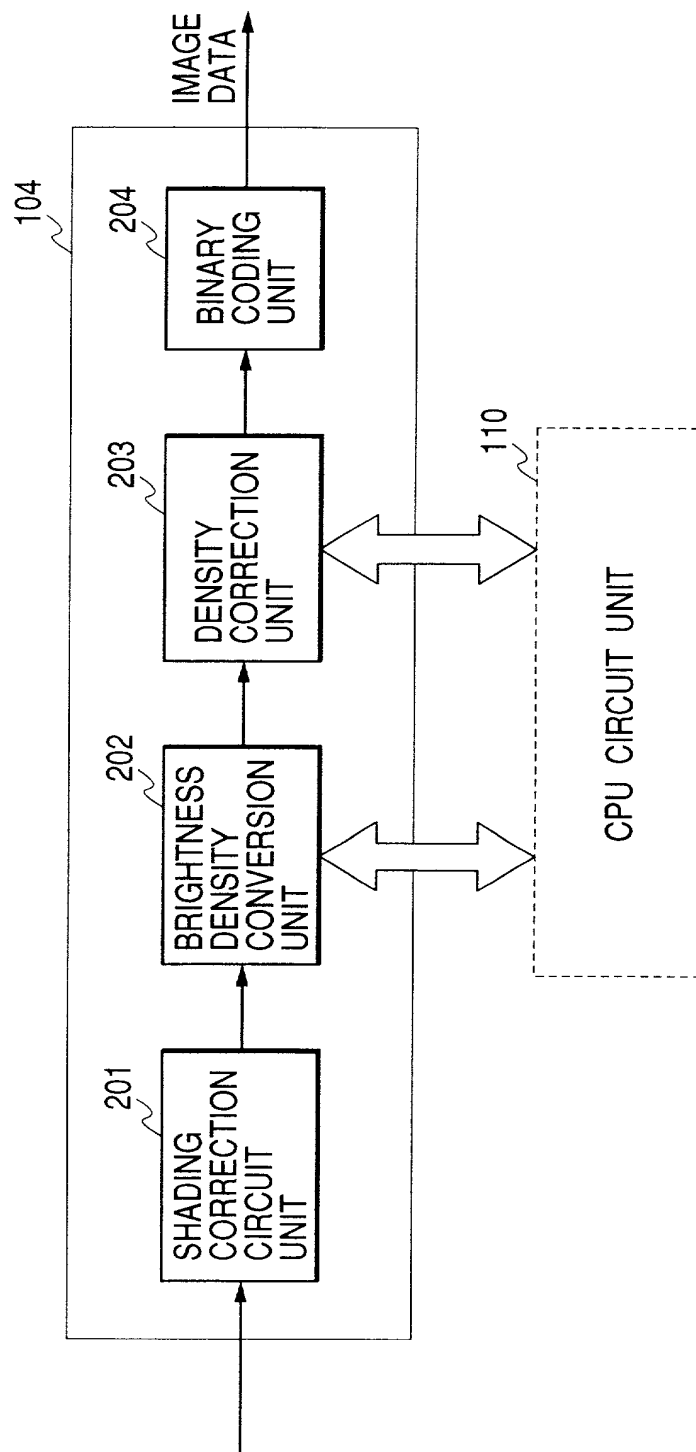


FIG. 2



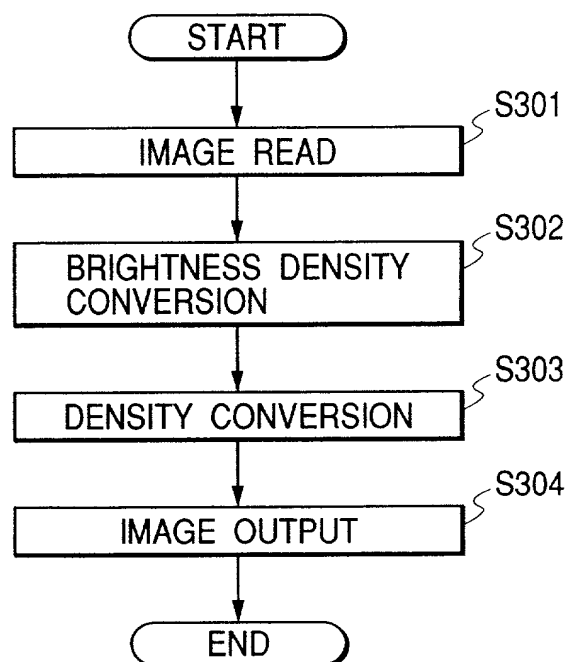
*FIG. 3*

FIG. 4

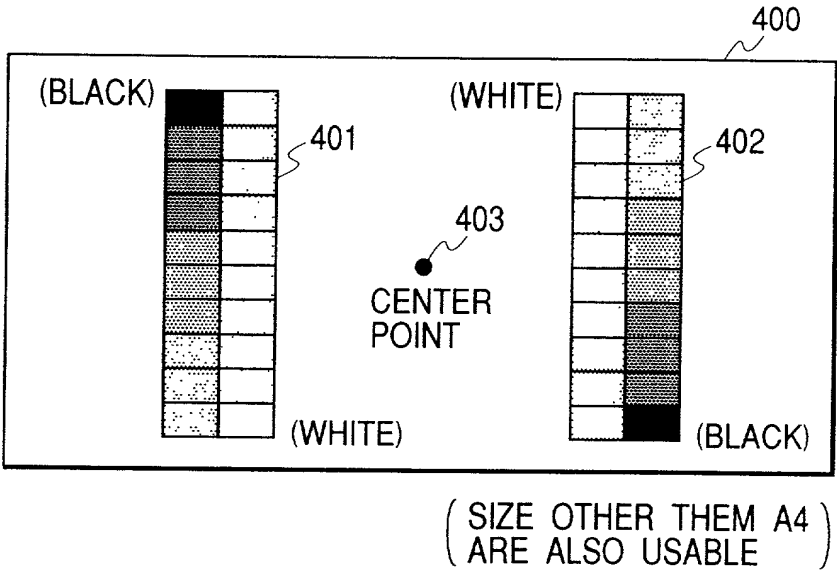
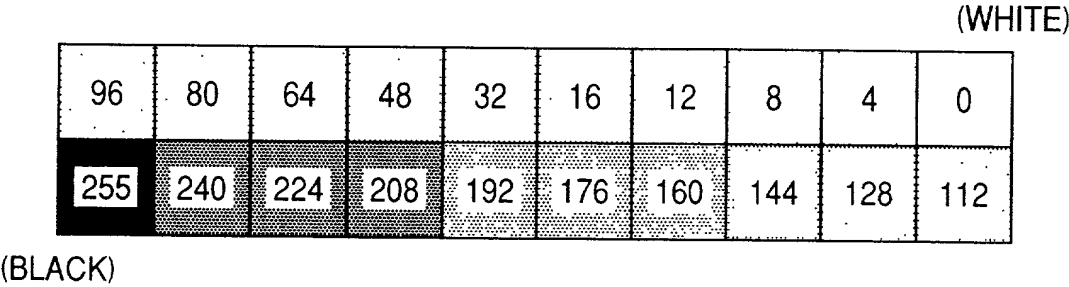
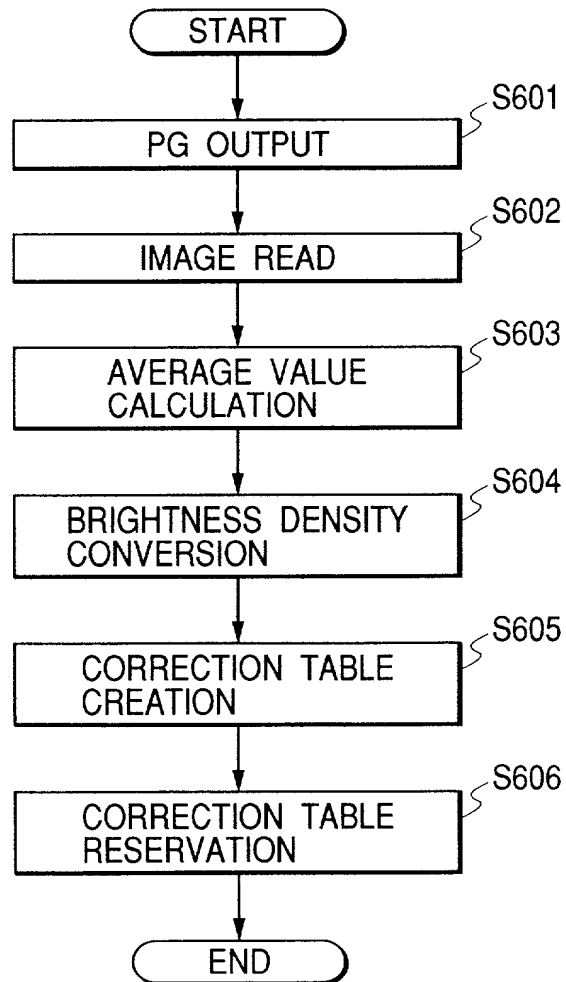
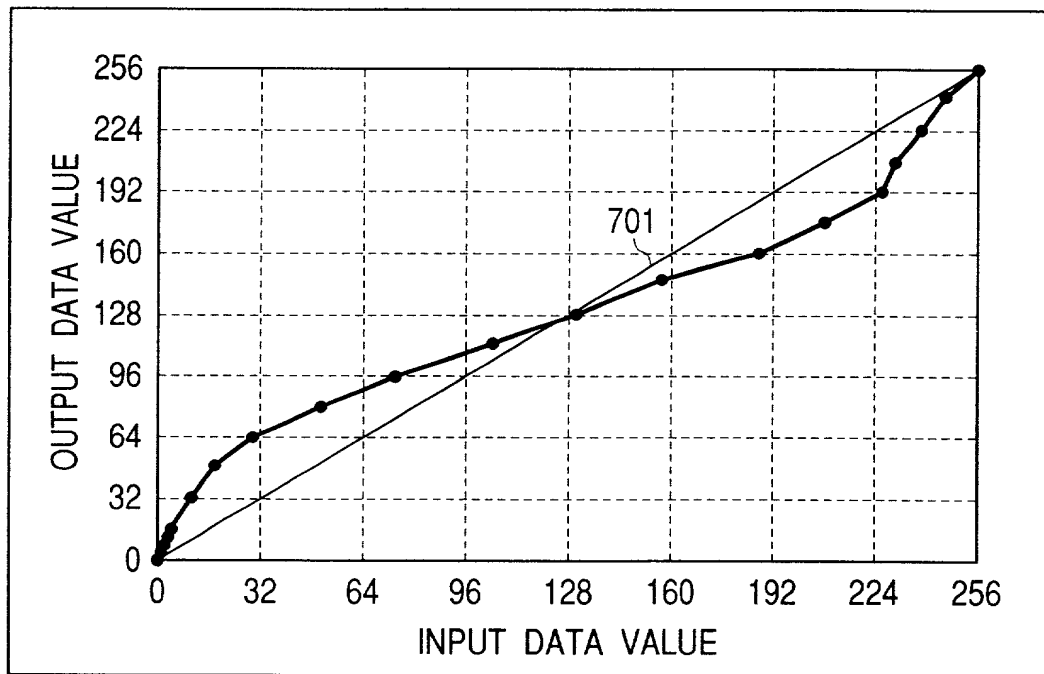


FIG. 5



**FIG. 6**

*FIG. 7*

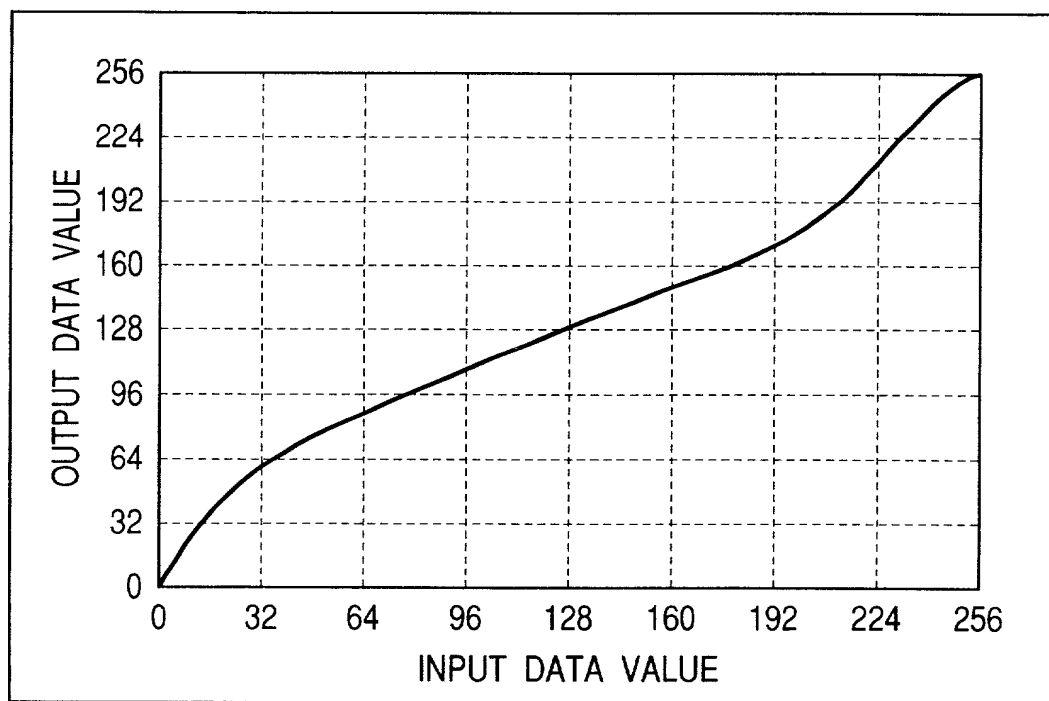
*FIG. 8*

FIG. 9

[CORRECTION TABLE PREPARING UNIT (SMOOTHING)]

(PROGRAM EXAMPLE 1)

```

int i, j, sum ;
int buf [256] ;

for (i=1 ; i<255 ; i++) {
    sum=0 ;
    for (j=0 ; j<3 ; j++) {
        sum += density [i-1+j] ;
    }
    buf [i] = (sum/3) ;
}

for (i=1 ; i<255 ; i++) {
    density [i] = buf [i] ;
}

/* BUFFER TO BE TEMPORALITY
   ENSURED */

/* RANGE OF j CORRESPONDS TO
   SMOOTHING WIDTH */

/* FEEDBACK DATA AFTER
   SMOOTHING */

```



FIG. 10

```

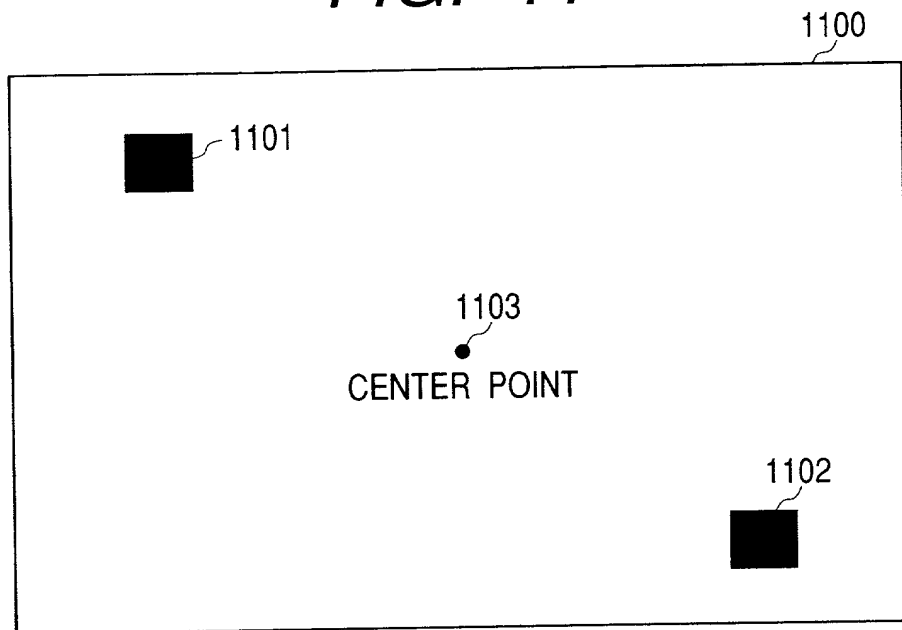
[ CORRECTION TABLE PREPARING UNIT (SMOOTHING) ]

(PROGRAM EXAMPLE 2)

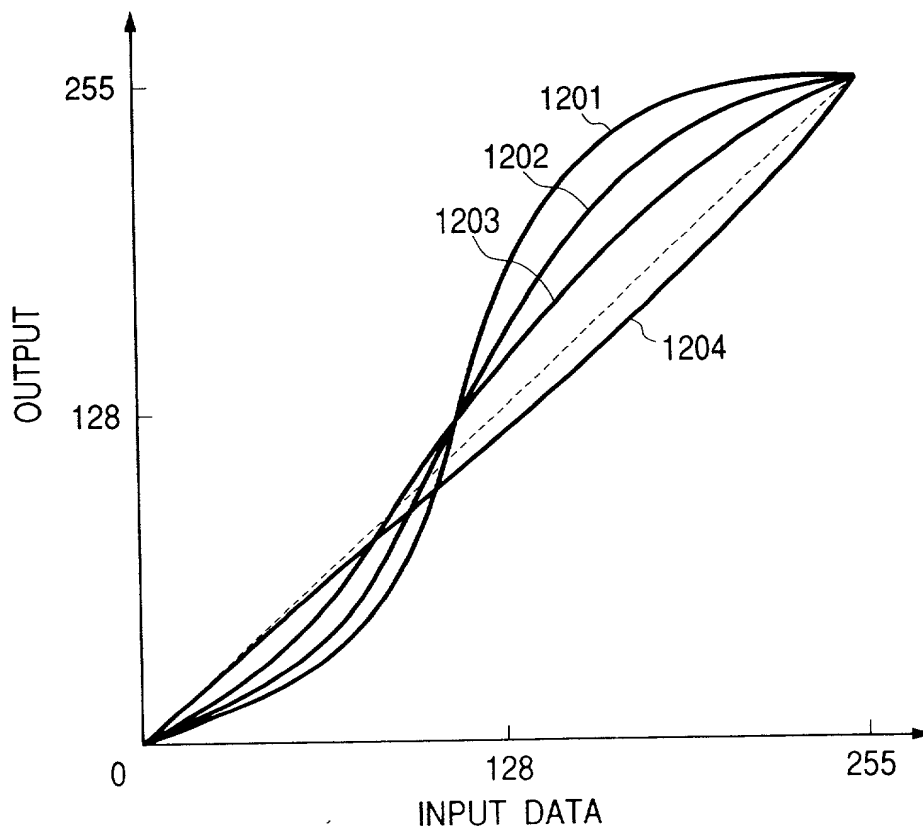
int i, j, sum ;                               /* BUFFER TO BE TEMPORALITY ENSURED */
int buf [256] , buf2 [256] ;
for (k=0 ; k<3 ; k++) {                      /* RANGE OF k CORRESPONDS TO NUMBER
    for (i=1 ; i<254 ; i++) {                  OF TIMES FOR SMOOTHING */
        sum=0 ;                               /* RANGE OF j CORRESPONDS TO
        for (j=0 ; j<3 ; j++) {                SMOOTHING WIDTH */
            sum += buf [i-1+j] ;
        }
        buf2 [i] = (sum/3) ;
    }
    for (i=1 ; i<254 ; i++) ; {
        buf [i] = buf2 [i] ;
    }
}
for (i=1 ; i<254 ; i++) {                    /* FEEDBACK DATA AFTER SMOOTHING */
    density [i] = buf [i] ;
}

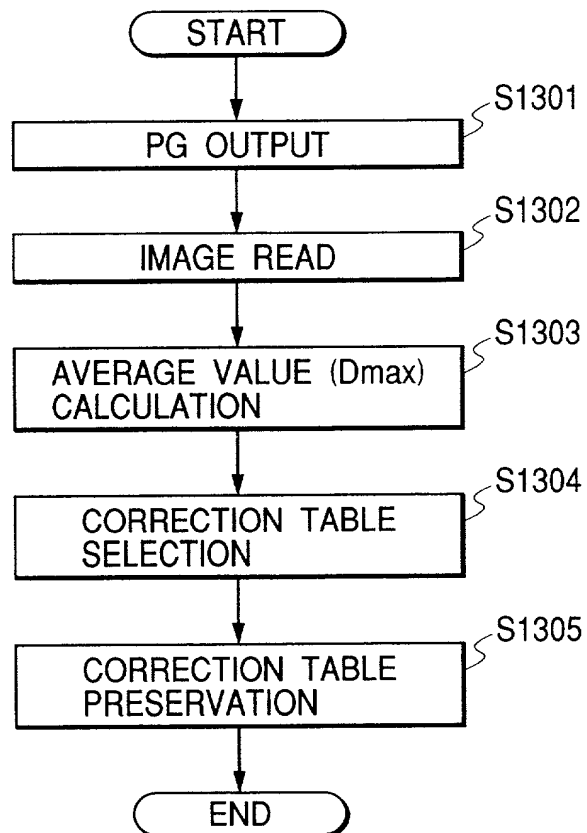
```

**FIG. 11**

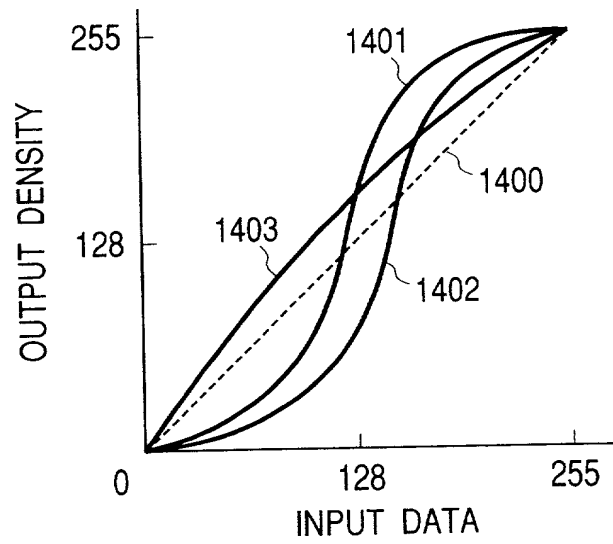


**FIG. 12**



**FIG. 13**

**FIG. 14**



**FIG. 15**

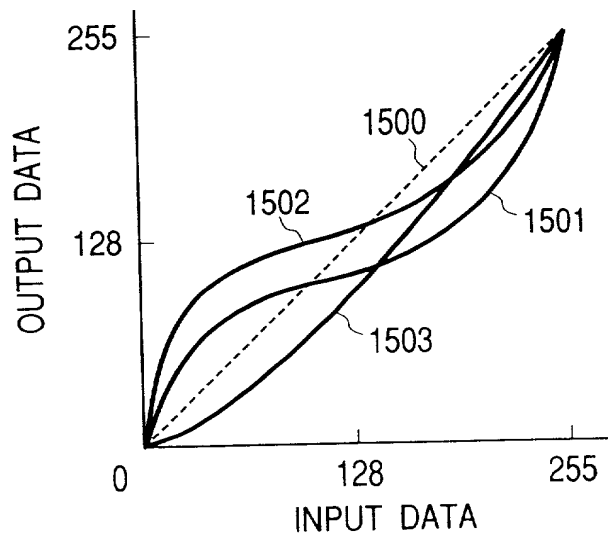


FIG. 16

